SBL-No/55/20.21

# Original/Duplicate/Triplicate
## CONTRACT CERTIFICATE

No. *First & Final Bill* (For Other Works) Date 08/12/2020

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyarnyapura**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 009-20-000086**

Schedule Docket No. Head of Account: **P-3726** **Est.Cost: Rs. 30.00 Lakhs** D.R.No. :

| | |
|---|---|
| Name of Work (as per sanctioned estimate): | Improvements and Asphalting to Roads at Doddabommasandra, Krishna Temple Surrounding areas in Ward No. 09 (Vidyaranyapura). |
| Name of Contractor and Full Address: | ***Sri. Nataraj. T, # 02, 1st Main, Amarajyothi Layout, R T Nagar, Bangalore - 560 032.*** |

Reference to Agreement No. **EE/BTP/BBMP/ E-PMT/01(41712)/WO/118/2020-21** Date: **25-09-2020**

Certified that the measurements were taken by me on 08-12-2020 and recorded of **Pages** 848 to 852 of measurement Book No. 3579/12-15 and that the work is satisfactorily executed.

T. Nataraj
**Contractor**

**Officer-in-charge of work**

Certified that the measurement were taken by me on 8/12.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

**Sub-Division Officer**
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount
   adjusted towards cash advance recovery of
   b. Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

| | |
|---|---|
| Final & Final | 2858500=00 |
| IT | 28585=00 |
| L.C | 28585=00 |
| CBF | 2859=00 |
| CESS | 25528=00 |
| SGST | 25528=00 |
| LR | 32000=00 |
| FSD | 142000=00 |
| Ded | 286075=00 |
| Total | 2572425=00 |

T. Nataraj
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.
Dated Signature of Contractor
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

**Initials of Officer making payment**

(For use in the Office)

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3726 ರಡಿ
ಚಿಲ್ಲು ಮೊಬಲಗು ರೂ 2858500=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 286075 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 2572425=00 ಗಳನ್ನು

Stamp

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

25/12 ನಿರ್ವಾಹಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
25/12 ಲೆಕ್ಕಾಧೀಕ್ಷಕರು
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ

**Executive Engineer**

| Sl. No. | | Unit |
|---|---|---|
| 1 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work | Cum |
| 2 | Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 3 | Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 4 | Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 5 | Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | Cum |
| 6 | Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 7 | Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) etc complete as per specifications and directions of engineer in charge of the work | m |
| 8 | Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| | Qty Above 125% | |
| 9 | Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work | Cum |
| | Qty Above 125% | |
| 10 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| | Qty Above 125% | |
| 11 | Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using **40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work | Cum |
| | Qty Above 125% | |
| 12 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 13 | Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm |

| Unit | Previous Measurement | | Present Measurement | | | Total Upto Date | | Remarks |
|---|---|---|---|---|---|---|---|---|
| | Qty. | Cost | Qty. | Rate Rs. P. | Amount | Qty | Cost | |
| | - | - | 369.50 | 232.00 | 85724.00 | 369.50 | 85724.00 | |
| | - | - | 1869.21 | 106.00 | 198136.00 | 1869.21 | 198136.00 | |
| | - | - | 460.35 | 708.00 | 325928.00 | 460.35 | 325928.00 | |
| | - | - | 268.80 | 934.00 | 251059.00 | 268.80 | 251059.00 | |
| | - | - | 21.27 | 5347.00 | 113731.00 | 21.27 | 113731.00 | |
| | - | - | 189.00 | 923.00 | 174447.00 | 189.00 | 174447.00 | |
| | - | - | 1050.00 | 58.00 | 60900.00 | 1050.00 | 60900.00 | |
| | - | - | 681.16 | 91.00 | 61986.00 | 681.16 | 61986.00 | |
| | - | - | 307.59 | 90.97 | 27981.00 | 307.59 | 27981.00 | |
| | - | - | 170.29 | 1910.00 | 325254.00 | 170.29 | 325254.00 | |
| | - | - | 25.27 | 1908.30 | 48223.00 | 25.27 | 48223.00 | |
| | - | - | 681.16 | 27.00 | 18391.00 | 681.16 | 18391.00 | |
| | - | - | 307.59 | 28.30 | 8705.00 | 307.59 | 8705.00 | |
| | - | - | 34.06 | 5121.00 | 174421.00 | 34.06 | 174421.00 | |
| | - | - | 15.38 | 4985.03 | 76670.00 | 15.38 | 76670.00 | |
| | - | - | 988.75 | 5.00 | 4944.00 | 988.75 | 4944.00 | |
| | - | - | 988.75 | 12.00 | 11865.00 | 988.75 | 11865.00 | |

| Sl. No. | | Uni |
|---|---|---|
| 14 | Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - **using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work | Cum |
| 15 | Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| | EIRL | |
| E1 | Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechanical mix plant at OMC Carriage of mixed material to work site spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. | Cum |
| | **Sub Total** | |
| | **GST @ 12%** | |
| | **Grand Total** | |

**CERTIFICATE**

1. Certified that the above work done satisfactory and no materials issued from departmentally.

| Unit | Previous Measurement | | Present Measurement | | | Total Upto Date | | Remarks |
|---|---|---|---|---|---|---|---|---|
| | Qty | Cost | Qty. | Rate Rs. P. | Amount | Qty | Cost | |
| | - | - | 39.55 | 7248.00 | 286658.00 | 39.55 | 286658.00 | |
| | - | - | 35.00 | 433.00 | 15155.00 | 35.00 | 15155.00 | |
| | | | | | | | | |
| | - | - | 148.31 | 1902.24 | 282121.00 | 148.31 | 282121.00 | |
| | | | | | **2552299.00** | | **2552299.00** | |
| | | | | | **306276.00** | | **306276.00** | |
| | | | | | **2858575.00** | | **2858575.00** | |

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97